

## ABSTRACT

An inspection device 1 includes a light source 12A for emitting ultraviolet light onto a banknote conveyed on a conveyance path, a light source 12B for emitting infrared light onto the banknote, a photosensor 17 for receiving light generated from the banknote, a light source control processing portion 20 for performing control to light the light sources 12A, 12B while individually switching them at high speed, and a discrimination processing portion 22. The discrimination processing portion 22 first imports each of two detection signals (output signals) from the photosensor 17, which are obtained by receiving lights substantially within an identical period of time when the banknote is illuminated with the light through sequential lighting of the light sources 12A, 12B, and calculates an output ratio of the photosensor 17. Then the calculated data of the output ratio of the photosensor 17 is compared and collated with reference data preliminarily stored in a memory portion 21, thereby performing determination of authenticity and a denomination of the banknote 3.